



The Islamia University of Bahawalpur

TENDER NOTICE

Sealed Tenders on item wise rate basis are invited from the Manufacturing Firms or their Authorized Distributors, Dealers and General order Suppliers having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Lab Equipment's & Instruments & Permanent Items & Chemicals for Soil Sciences & Entomology & Veterinary College**, The Islamia University of Bahawalpur on FOR basis.

Tender No.	Category (Quantity and specifications are available in the tender document)	Estimated Cost	5% Bid Security
A	Purchase of Lab Equipment's for the Department of Entomology	Rs.400,000 /-	Rs.20,000/-
B	Purchase of Equipment and Instruments for the Department of Parasitology (Veterinary)	Rs.1,700,000/-	Rs.85,000/-
C	Purchase of Laboratory Items For Department of Soil Science (PARB Project)	Rs.2000,000/-	Rs.100,000/-
D	Purchase of Chemicals Department of Pharmacy	Rs.1,450,000/-	Rs.72,500/-

- Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Account Department Abbasia Campus (Old), the Islamia University of Bahawalpur during office hours on submission of written application on letter head and a copy of CNIC or can be down loaded from the IUB website www.iub.edu.pk OR PPRA website www.ppra.punjab.gov.pk on payment of (non-refundable fee) of Rs. 1000/ (Separately for each category) through Bank challan HBL in A/C 14730000010403 or pay order in the name of the Treasurer, The Islamia University of Bahawalpur . Original receipt should be attached with Technical bid.
- 5% Bank Guarantee** of the estimated cost as mentioned above separately against each tender (Refundable) in the shape of CDR / Bank Guarantee shall be attached with the bid, otherwise bid will be rejected.
- The rates should be quoted on FOR basis.
- Single Stage – Two Envelopes** bidding procedure will be adopted as per PPRA Rules 38- 2(a). The Envelopes shall be marked as “**TECHNICAL PROPOSAL**” AND “**FINANCIAL PROPOSAL**” in legible letters. Financial Proposal of bids found technically non-responsive shall be returned un-opened.
- Procurement shall be governed under the Punjab Procurement Rules, 2014.
- The rates should be quoted inclusive of all taxes. Copy of paid bank challan of professional tax and copy of the bid security shall be attached with the technical proposal.
- The Islamia University of Bahawalpur however, reserves the rights to reject all bids at any time prior to acceptance of a bid as per clause 35 of the Punjab Procurement Rules and grounds of rejection will be conveyed to the bidders upon their request.
- Tender should reach in the Office of the Secretary SMPC Accounts Division Old Campus, The Islamia University of Bahawalpur upto **27.01.2022 by 10:30 AM**. Tenders will be opened on the same day at **11:00 AM** in the presence of bidders or their representatives. In the office of Chairman Purchase Committee, Pharmacy department Khawaja Fareed Campus.
- Any bid submitted after the given time schedule shall not be accepted.
- All taxes will be applicable as per Govt. Rules & Regulations.
- The rates should be valid upto 120-days from the date of opening of the tender.
- In case of closed/forced holidays, tender opening time/date will be considered as the next working day.



Chairman SMPC
The Islamia University of Bahawalpur
Baghdad-ul-Jadeed Campus, Bahawalpur.
Phone: 062-9255565

IPB-10

Daily Nawa-i-Waqt (Multan)
Daily Express Tribune (Lahore)



The Islamia University of Bahawalpur

PROCUREMENT OF LAB EQUIPMENT FOR ENTOMOLOGY DEAPRTMENT
TENDER-A FORM (FINANCIAL BID)

1. Name of Firm: _____
2. Mailing Address: _____
3. Phone No: _____ 4. Fax No: _____
5. Tender Fee Challah No. & amount _____ 6.CDR No.& Amount _____
7. General Sale Tax No: _____ 8. Income Tax No. _____
9. Professional Tax No: _____

Sr	Name of Items	Quantity	Rate per item inclusive
01	Hand micro-applicator <ul style="list-style-type: none">Product Description Five different drop sizes may be selected by sliding a single selector control knob. Depressing the control knob permits free rotation of the main drum. Drop sizes range from 0.25 microlitres when fitted with all-glass syringes. <ul style="list-style-type: none">Construction and Equipment Details The Applicator is constructed from non-ferrous materials with all components either hard anodized or electro-plated in satin chrome finish. Drop sizes normally available are 0.25, 0.5, 1,2 and 5 microlires and selection is quick and simple. Ten times the volumes shown can be obtained by the use of 10 ml all glass syringes Hand microapplicator The BURKARD all-glass syringe is clamped or released by turning a single knurled screw and he 10 ml syringes are supplied complete with adapter for mounting direct into the cover tube. The mounting of the applicator enables it to be clamped in any position during use. The following equipment is supplied as standard: One BURKARD all-glass syringe. Two hypodermic needles. Extra equipment: 10 ml all-glass syringe complete with stainless steel mounting sleeve.	01	

Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal on firm’s letter head duly signed & stamped by owner of firm or its authorized representative and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. On firms letter head duly signed & stamped Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.

Terms & Conditions

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.0333-7095933

Signature: _____
Name: _____
Designation: _____
Date: _____

Attachments:

Earnest Money draft (Yes/No)
Affidavit for non-black listing (Yes/No)
Bid Validity (Yes/No)
Signed terms & conditions (Yes/No)

Note: Bid shall be signed by the bidder/authorized person for bidder.



The Islamia University of Bahawalpur

PROCUREMENT OF EQUIPMENT AND INSTRUMENTS FOR PARRASITOLOGY
TENDER-B FORM (FINANCIAL BID)

1. Name of Firm: _____
2. Mailing Address: _____
3. Phone No: _____ 4. Fax No: _____
5. Tender Fee Challah No. & amount _____ 6.CDR No.& Amount _____
7. General Sale Tax No: _____ 8. Income Tax No. _____
9. Professional Tax No: _____

Sr	Name of Items	Quantity	Rate per item inclusive
01	Liquid Nitrogen Container: Capacity = 10.5 L. Material: Aluminum Alloy. Empty Weight = 7 kg. Full Weight = 15.08 kg. Mouth Diameter (mm): 50(1.97 inch). Outer Diameter: 304 mm (11.97 inch). Vessel Height: 550 mm (21.65 inch). Static Evaporation Loss Mass = 0.106 L/d. Static Holding Time ≥ 105 d. Number of canister: 6 pcs. Minimum Diameter of each canister: 12cm (4.7 Inch). Minimum Height of each canister: 27.5cm (10.83 inch).	01	
02	Ice boxes for PCR and Eppendrof tubes packs of 2: For cooling heat-sensitive samples on the lab bench. Suitable for 0.2 ml PCR vessels and 1.5/2ml Eppendrof tubes, Pack 1 for 0.2 ml PCR tubes. No. of slots 96 in case of pack 1. Arrangement of slots 8 x 12 for PCR tubes. Pack 2 for 1.5 or 2 ml Eppendrof tubes. No of slots 48 in case of pack 2. Arrangement of slots 4 x 12 for 1.5 or 2 ml Eppendrof tubes. Rack color changes from approx. 7 °C. Recommended storage temperature: -20 °C. Slot Ø 6 mm. Temperature constancy 4-7 °C (3 h). Length 141 mm. Width 99 mm. Height 44 mm.	02	
03	Single channel pipettes: Fully autoclavable. (121°C for 20 minutes), Enhanced UV resistance, Hyper blower system, Longer second-push stroke, improves Dispensing efficiency. (2ul, 10ul). 01: Volume Range = 0.5 to 10µl Accuracy % = ±4.0 to 0.5 Coeff. Variation % = ±2.8 to 0.4 02: Volume Range = 10 to 100µl Accuracy % = ±1.6 to 0.8 Coeff. Variation % = ±0.8 to 0.2 03: Volume Range = 20 to 200µl Accuracy % = ±1.2 to 0.6 Coeff. Variation % = ±0.6 to 0.2 04: Volume Range = 100 to 1000µl Accuracy % = ±1.6 to 0.6 Coeff. Variation % = ±0.4 to 0.15 05: Volume Range = 1 to 5ml Accuracy % = ±0.6 to 0.5 Coeff. Variation % = ±0.25 to 0.15	05	
04	Mini Centrifuge Machine: Frequency: 50/60 Hz Voltage 110 to 240V Capacity: 6x2mL Max. Speed: 6,000 rpm /RCF 2,000 x g Noise Level: ≤45dB Temperature Range: Ambient temperature Dimensions (HWD): 4.1 x 5.0 x 6.0 in. (10.4 x 12.8 x 15.3 cm). Net Weight: 1.6 lb. (0.74 kg) Certifications/Compliance: CSA, CE, UL Includes: 6 x 1 .5/2.0mL tube rotor, 16 x 0.2mL tube rotor, (singles strip), 6 tube adapters 0.2mL, 6 tube adapters 0.5mL, Storage case for rotors and adapters, Tube rack, universal power adapter , 110-240V, 50/60 Hz, with 4 interchangeable plug type, Electrical Requirements: 110-240 V, 50/60 Hz with 4 interchangeable plug adapters	01	

05	Handheld Homogenizer: Specifications: For General homogenization applications (dispersion and emulsification). Homogenizing of tumour tissue sample, for research of diverse tissue diseases. Fast dissolving of pills, sugar-coated tablets for quality control purposes. Sample preparation for subsequent extraction of pharmaceutical agents. Cell disruption, RNA / DNA isolation from tissue. Dispersion of small quantities from plants, animals or human tissue. Solving of solid materials. Autoclavable 316 L stainless steel shafts . Speed Range: 8000-30000rpm Speed Control Dial knob: 6 stages Max. Viscosity: 5,000mPas Working head @Smm/L9Qmm(0.1-50mL) A10mm/ L150mm (1-250mL).	01	
06	Elisa Reader Detector Type: Photo detector, Light Source: Quartz-halogen lamp, Reading Options: 96 Well Plate; 384 Well Plate, Read-out Range: 0 to 6Abs, Software Type: SkanIt Software, Plate Type: 96-well plates, Wavelength Selection: Filters, Wavelength Range: 340 to 850nm Filters: 8-position filter wheel; filters installed: 405nm, 450nm, and 620nm, Linearity: 0-3 Abs, x2o/o at 405nm, 96-well plate, Resolution: 0.001 Abs, Accuracy: ± 1%(0-3 Abs) or t 0.003 Abs, whichever is greater at 405nm, Precision: CV s 0.2o/o (0.3-3 Abs) at 405nm Incubator Temperature: Up to 50°C Shaking Linear Depth (Metric): 40cm, Depth (English): 15.7 in. Measurement Speed: 7 seconds, 96-well plate, fast mode; 13 seconds, 96-well plate, normal mode Interface: User: On-board or PC control	01	
07	Binocular Stereo Microscope Stereomicroscope binocular heads 360° rotating and 45° inclined, eye piece (10x), interpupillary distance 55-75 mm, diopter adjustment, Eyepiece WF10x/20 mm, Objective: Turret objective (2x and 4x), Magnification: 20x and 40x, working distance: 57 mm, Base Illumination operated on 220 Volts, with incident and transmitted LED light, With LED light intensity adjustment. Complete with all standard accessories.	03	
08	Trans-Blot SD Semi-Dry Electrophoretic Transfer Cell Specifications: Trans-Blot SD body Molded polycarbonate, anode plate electrodes: Platinum-coated titanium and stainless-steel cathode plate electrodes, Anode platform Precision machined acrylic. Dimensions (W x L x H), cm. 37 x 24 x 11. Weight, kg/lb. 3.6/7.9. Gel size (W x L), cm. 24 x 16. Buffer requirement, ml. 200. Gel capacity: 4 Mini-PROTEAN® precast or handcast gels, 3 Criterion™ gels, 1–3 PROTEAN® II gel sandwiches. Includes: Power supply. PowerPac™ HC (High Current) 165-4761 Model 200/2.0 Constant Voltage Power Supply, 100/120 V, 50/60 Hz	01	
09	Hettich Angle rotor 30-place for Benchtop centrifuge Specifications: Angle rotor 30-place to fit in Benchtop centrifuge ROTINA 380 R , Angle rotor for 30 x 0.4 - 2.0 ml tubes, Angle: 45°, RPM max.: 15,000 min ⁻¹ , RCF max.: 24,400 Includes: UPS Homage 2000 watt	01	

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Terms & Conditions

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- 2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
- 3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
- 4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
- 5. Validity of rate should be for 120 days from the date of opening of tenders.
- 6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
- 7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
- 8. Key Person Contact No.0318-6619682

Signature:

Name:

Designation:

Date:

Attachments:

Earnest Money draft

Affidavit for non-black listing

Bid Validity

Signed terms & conditions

Note: Bid shall be signed by the bidder/authorized person for bidder.

(Yes/No)

(Yes/No)

(Yes/No)

(Yes/No)



The Islamia University of Bahawalpur

PROCUREMENT OF LABORATORY ITEMS FOR SOIL SCIENCE
TENDER-C FORM (FINANCIAL BID)

1. Name of Firm: _____
2. Mailing Address: _____
3. Phone No: _____ 4. Fax No: _____
5. Tender Fee Challah No. & amount _____ 6.CDR No.& Amount _____
7. General Sale Tax No: _____ 8. Income Tax No. _____
9. Professional Tax No: _____

Sr	Name of Items	Quantity	Rate per item inclusive
01	Autoclave and Accessories for tendering Digital microprocessor controlled with operation modes: Solid mode: Heating-Sterilizing-Exhausting and air cooling. Cooling fan. Capacity: 85Liters or more. Chamber material: SUS304. Rated power supply: 220V/50Hz. Sterilization temperature: 105—138°C. Range of sterilization time: 1—300minutes. Exhausting mode: Fully automatic internal discharging. Embedded with a steam trapping bottle Way of opening lid: Flip type. Preset range of timer: 0 minute-6 days delayed. Preset range of timer: 0-0.6MPa. Rated working pressure: 0.27 MPa. Preset temperature of presettable chamber lid opening: Preset range of steam 73—104°C. exhausting temperature: Preset range of cooling 40-99°C for solid and agar modes and 40-80°C for liquid and waste lock OPEN temperature: modes Accessories: drainage hose, water plate, exhaust bottle, Two stainless steel baskets Controller: fast-speed microcomputer intelligent control system Safety device: “eight-column evenly distributed” inter locking device, electric double inner locks, over pressure protection, safety valve, over temperature protection, over current and short circuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting. Water distillation with 4L/hr Capacity or more, Water pH: 5.0 – 6.5, Conductivity μS/cm: <2.5, Resistivity mega ohm-cm: 0.4, Two silica Heater unit with Wattage 1.5kw each, 13 amps. Fuse, 220/240 VAC, 50/60 Hz., Minimum supply pressure: 5 Psi. Laptop: Processor: Core i7 11th generation, Storage: 512GB SSD, Ram: 16GB DDR4 Display: 15.6” FHD 400nits, Integrated HD 720p webcam with dual-microphone array, Wireless: WIFI & Bluetooth, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 1.4b; 1 headphone/microphone combo; 1 AC power; 1 RJ-45 including accessories & bag ENERGY STAR Qualified Configuration, Dual stereo speakers, dual array microphone, Metallic surface and finish, warranty 1 year. Pipettes set: 0.1-2ul, 0.5-10ul, 10-100ul, 100-1000ul, 500-5000ul.	01	

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5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.0321-6814625

Signature: _____

Name: _____

Designation: _____

Date: _____

Attachments:

Earnest Money draft (Yes/No)

Affidavit for non-black listing (Yes/No)

Bid Validity (Yes/No)

Signed terms & conditions (Yes/No)

Note: Bid shall be signed by the bidder/authorized person for bidder.



The Islamia University of Bahawalpur

PROCUREMENT OF CHEMICALS FOR PHARMACY DEPARTMENT TENDER-D FORM (FINANCIAL BID)

1. Name of Firm: _____
2. Mailing Address: _____
3. Phone No: _____ 4. Fax No: _____
5. Tender Fee Challan No. & amount _____ 6. CDR No. & Amount _____
7. General Sale Tax No: _____ 8. Income Tax No. _____
9. Professional Tax No: _____

Sr.#	Name of Items	Required Qty	Rate per item with all taxes
1.	Acetone	10 Ltr	
2.	Aspirin	3kg	
3.	Anthrone	50gm	
4.	Aniline	2.5Ltr	
5.	Aceto phenone	5Ltr	
6.	Acetyl Chloride	2.5Ltr	
7.	Benzyl	1Kg	
8.	Benzyl Chloride	2.5Ltr	
9.	Citric Acid	2Kg	
10.	Chloroform A.R Grade	10Ltr	
11.	Dichloromethane A.R	10Ltr	
12.	Di-ethylamine	2.5Ltr	
13.	Di-methylallene	2.5Ltr	
14.	Ether	2.5Ltr	
15.	Iodine	1500gm	
16.	Isoamyl Alcohol	1Ltr	
17.	Orcinol	50g	
18.	Pot. Iodide	1kg	
19.	Paraffin Oil	12.5Ltr	
20.	Pyridine	2.5Ltr	
21.	Sod. Sulfite	1Kg	
22.	Vanillin	1Kg	
23.	Hydrochloric Acid	10Ltr	
24.	Sulphuric Acid	15Ltr	
25.	Acetic Acid	10Ltr	
26.	Nitric Acid	10Ltr	
27.	Salicyladehyde	5Ltr	
28.	Cinnamaldehyde	5Ltr	
29.	Benzaldehyde	5Ltr	
30.	Benzophenone	5Ltr	
31.	Formaline	10Ltr	
32.	Benzoin	5Ltr	
33.	Cyclo hexanone	10Ltr	
34.	Atropine Sulphate	50g	
35.	Acetyl Salicylic Acid	1Kg	
36.	Ammonium Chloride	2Kg	
37.	Bees Wax (Yellow)	2Kg	
38.	Borax Powder (Sodium Tatraborate)	1Kg	
39.	Calcium Carbonate	2Kg	
40.	Cetyl Alcohol	2Kg	
41.	Dextrose	1Kg	
42.	Gum Tragacanth	1Kg	
43.	Heavy kaolin	1Kg	
44.	Iron Sulphate	1Kg	
45.	Magnesium Carbonate	2Kg	
46.	Magnesium Tri silicate	1Kg	
47.	Naphthalene	1Kg	
48.	Potassium Iodide	1Kg	
49.	Potassium Nitrate	1Kg	
50.	Starch	1Kg	
51.	Salicylic Acid	1Kg	
52.	Tartaric Acid	1Kg	
53.	Tannic Acid	1Kg	
54.	Lemon Oil	1Ltr	
55.	Peppermint oil	1 Ltr	
56.	Olive Pomace Oil	1Ltr	
57.	N-Butanol	20/Ltr	
58.	Eucalyptus Oil	1Ltr	
59.	Wool Alcohol	1Ltr	

60.	Turpentine Oil	2.5Ltr	
61.	Glycerin (A.R)	10Ltr	
62.	Petroleum Jelly	20Kg	
63.	Sugar	50Kg	
64.	Tween-80	500ml	
65.	Tween-60	500ml	
66.	Tween-40	500ml	
67.	Span-80	500ml	
68.	Span-60	500ml	
69.	Span-40	500ml	
70.	Stearic Acid	1Kg	
71.	Triple Pressed	1Kg	
72.	Cetyl Alcohol	2.5Kg	
73.	Amaranth Color (Red)	500g	
74.	Methyl Cellulose	2 Kg	
75.	Oxalic Acid	2 kg	
76.	Opadry Blue	500g	
77.	Opadry Red	500g	
78.	Ferric Nitrate	2 kg	
79.	Poly vinly Alcohol	2 kg	
80.	Sorbital (80)	2 kg	
81.	Zinc Oxide	3 kg	
82.	Loctose	10 kg	
83.	Talc Powder	5 kg	
84.	Calcium lactate	5 kg	
85.	Ammonia Solution	5 Ltr	
86.	Carbon Tetrachloride	5 Ltr	
87.	Castor oil	1 Ltr	
88.	Raspberry oil	1 Ltr	
89.	Small Plastic Jarr (100ml)	1000 no	
90.	Syrup Plastic Bottles (60ml)	1000 no	
91.	Aluminum Foil (Diamond)	50 no	
92.	Cotton Roll (Large)	50 no	
93.	Stapler	4 no	
94.	Glass Syrup Bottle With Cap(120ml)	300 no	
95.	Capsule Shell (250mg)	5 pack (1000 S)	
96.	Capsule Shell (500mg)	5 pack (1000 S)	
97.	Plastic Jar (5Ltr)	5 piece	
98.	Diethyl Ether	5Ltr	
99.	Petroleum Ether	2.5Ltr	
100.	Petroleum Spirit	2.5Ltr	
101.	Hydrogen Peroxide	1Ltr	
102.	Glacial Acetic	5Ltr	
103.	Solvent Ether	2.5Ltr	
104.	Bromine Water	2.5Ltr	
105.	Formaldehyde Solution	2.5Ltr	
106.	Cod liver Oil	500g	
107.	Cinnamon Oil	500g	
108.	Picric Acid	1kg	
109.	Sodium Carbonate	1kg	
110.	Benzidine HY	500g	
111.	Sodium Bicarbonate	2 kg	
112.	Mercuric Chloride	500g	
113.	Sodium Hydroxide	1kg	
114.	Choral Hydrate	500g	
115.	Gelatin	1kg	
116.	Agar Powder	1kg	
117.	Urine Testing Strips (Uri Test)	10 Pack	
118.	Glucometer Strips	10 Pack	
119.	Glucometer	5no	
120.	Creatinine Kit	5no	
121.	Urea Kit	5no	
122.	Total Cholesterol Detection Kit	5no	
123.	ESR Tubes	30no	
124.	ESR Solution	2.5 Ltr	
125.	Test Tubes (Small 10cc)	500no	
126.	Syringes (3cc, 5cc, 10cc)	4 Box(each)	
127.	pH Paper	10no	
128.	Micro Pipette Tips (10l,100Ul, 1000Ul) White, Yellow, Blue	2pack (each)	
129.	Digital Weight Balance (Electrical Balance) upto 0.000g	7no	
130.	ESR Stand	30no	
131.	Pricking Needles	12no	
132.	GPT (ALAT)FCC Mod Kit	10no	
133.	Litmus Paper	5no	
134.	Sodium Citrate	5no	
135.	Methylene Blue	50gm	
136.	Crystal violet	25gm*80\=2kg	
137.	Malachite Green	25gm*80\=2kg	
138.	Safranin	25gm*80\=2kg	
139.	Blood Agar	500gm*5=2.5kg	
140.	Hydrochloric Acid	500MI*5=2.5Ltr	
141.	Carbol Fuchsin	500MI*5=2.5Ltr	
142.	Copper Sulphate	1kg*2=2kg	

143.	Lesion	25gm*60=1.5kg	
144.	Ammonium Sulphate	1kg*25=5kg	
145.	Nutrient Agar	500kg*8=4kg	
146.	Nutrient Broth	500kg*8=4kg	
147.	Decolorize Solution	5Ltr	
148.	Yeast	200gm*12=1.2Ltr	
149.	Nigrosine ink	25gm*10=250gm	
150.	Hydrogen Peroxide	2.5Ltr	
151.	Blood Agar Plates	500gm*2=1kg	
152.	Bile esculin Agar	500gm*2=1kg	
153.	Sulfur Iodide Motility media	100gm*10=1kg	
154.	Manitol Salt Agar	500gm*2=1kg	
155.	Cytochrome Oxidase enzyne	250gm*4=1kg	
156.	Coagulase enzyme (Test Tube)	1 set*10=10 set	
157.	Mac Conkey Agar	250gm*4=1kg	
158.	Simmon's citrate Agar	500gm*2=1kg	
159.	amylase enzyme	50MI*10=500MI	
160.	Oligo-1-6 glucosidase	25mg*25=625mg	
161.	Potassium Ferricyanide	500gm*2=1kg	
162.	Urease enzyme	5gm*10=50gm	
163.	Reasazurin Dye	25gm*2=50gm	
164.	Panadol Tablets	2 box	
165.	Calpol Tablets	1 box	
166.	Dichloromethane (DCM) C.G	200 Ltr	
167.	Methanol (Commercial Grade)	200 Ltr	
168.	Ethanol (Commercial Grade)	200 Ltr	
169.	Chloroform (Commercial Grade)	200 Ltr	
170.	Slica Jel for TLC (-.063-.200mm)	5 kg	

1.	Microscope	5 no	
2.	TLC Glass Jars	20 no	
3.	TLC Plates	20 no	
4.	Digital Water Bath	5 no	
5.	Microscope (Semi-automatic)	5 no	
6.	Digital Common Fitted microscope	5 no	
7.	Digital Thermometer	5 no	
8.	Dustbin Large	10 no	
9.	Dustbin Extra Large	5 no	
10.	Disposable Bags For Dustbin	5 kg	
11.	Stapler	5 no	
12.	Stapler Pin	15 box	
13.	Fire Lighter	10 no	
14.	Tissue Roll	32 no	
15.	Duster cloth(1.5*2.5')	50 no	
16.	Soap For Hand wash	24 no	
17.	Dish Wash Liquid	10 no (500ml)	
18.	Scotch Bright	6 no	
19.	Inoculating Loop	48 P	
20.	ELISA Plates	20 no	
21.	Small Measuring Scale (Electric)	5 no	
22.	Lemon Max Soap	20 no	
23.	Weight Scale Cell pencil	50 no	
24.	Transparent paper Glue Liquid Large	2 no	

1.	Beaker 100ml	100 no	
2.	Beaker 250ml	200 no	
3.	Beaker 500ml	50 no	
4.	Beaker 1000ml	50 no	
5.	Beaker 2000ml	30 no	
6.	Beaker 5000ml	20 no	
7.	Falcon Tube 50ml	5 pack	
8.	Falcon Tube 15ml	5 pack	
9.	Measuring Cylinder 10ml	100 no	
10.	Measuring Cylinder 25ml	50 no	
11.	Measuring Cylinder 50ml	30 no	
12.	Measuring Cylinder 100ml	40 no	
13.	Eppendrof Tube 1.5ml	5 pack	
14.	Glass Slides	50 pack	
15.	Glass Covers (For Slides)	50 pack	
16.	Glass Funnel 4"	50 pack	
17.	Test Tube 20ml	3000 no	
18.	Pestle & Mortar 5"	20 no	
19.	Still head Adopter (19/26)	10 no	
20.	Round Bottom Flask 500ml (19/26)	10 no	
21.	Round Bottom Flask 250ml(19/26)	10 no	
22.	Condenser (19/26)	10 no	
23.	Recieving Adopter (19/26)	10 no	
24.	Magnetic Stirrer Bar 0.5"	30 no	
25.	Magnetic Stirrer Bar 1"	30 no	

26.	Magnetic Stirrer Bar 1.5"	20 no	
27.	Capillary Tube	40 pack	
28.	Filter Paper ()	20 Rim	
29.	Quartz UV. Cell	5 no	
30.	Adjustable Micro-pipette Rang-1(20 to200) Rang-2(200 to 1000)	5no (each)	

Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.

Terms & Conditions

- 1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
- 2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from Foreign.**
- 3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
- 4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
- 5. Validity of rate should be for 120 days from the date of opening of tenders.
- 6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
- 7. Must be mentioned Catalogue No
- 8. Authorization certification form relevant supplier/Manufacturer
- 7. Key Person Contact No.062-9255565

Signature:

Name:

Designation:

Date:

Attachments:

Earnest Money draft

(Yes/No)

Affidavit for non black listing

(Yes/No)

Bid Validity

(Yes/No)

Signed terms & conditions

(Yes/No)

Note: Bid shall be signed by the bidder/authorized person for bidder.

Technical Specification offered by the firm required
letter head of the firm duly signed & stamped by
Vender Of Tender A

Hand micro-applicator

- **Product Description**

Five different drop sizes may be selected by sliding a single selector control knob. Depressing the control knob permits free rotation of the main drum. Drop sizes range from 0.25 microlitres when fitted with all-glass syringes.

- **Construction and Equipment Details**

The Applicator is constructed from non-ferrous materials with all components either hard anodized or electro-plated in satin chrome finish. Drop sizes normally available are 0.25, 0.5, 1,2 and 5 microlires and selection is quick and simple.

Ten times the volumes shown can be obtained by the use of 10 ml all glass syringes

Hand microapplicator

The BURKARD all-glass syringe is clamped or released by turning a single knurled screw and he 10 ml syringes are supplied complete with adapter for mounting direct into the cover tube.

The mounting of the applicator enables it to be clamped in any position during use.

The following equipment is supplied as standard:

One BURKARD all-glass syringe.

Two hypodermic needles.

Extra equipment: 10 ml all-glass syringe complete with stainless steel mounting sleeve.

Technical Specification offered by the firm required
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Vender Of Tender B

<p>Liquid Nitrogen Container: Capacity= 10.5 L. Material: Aluminum Alloy. Empty Weight= 7 kg. Full Weight= 15.08 kg. Mouth Diameter (mm): 50(1.97 inch). Outer Diameter: 304 mm (11.97 inch). Vessel Height: 550 mm (21.65 inch). Static Evaporation Loss Mass= 0.106 L/d. Static Holding Time ≥ 105 d. Number of canister: 6 pcs. Minimum Diameter of each canister: 12cm (4.7 Inch). Minimum Height of each canister: 27.5cm (10.83 inch).</p>
<p>Ice boxes for PCR and Eppendrof tubes packs of 2: For cooling heat-sensitive samples on the lab bench. Suitable for 0.2 ml PCR vessels and 1.5/2ml Eppendrof tubes, Pack 1 for 0.2 ml PCR tubes. No. of slots 96 in case of pack 1. Arrangement of slots 8 x 12 for PCR tubes. Pack 2 for 1.5 or 2 ml Eppendrof tubes. No of slots 48 in case of pack 2. Arrangement of slots 4 x 12 for 1.5 or 2 ml Eppendrof tubes. Rack color changes from approx. 7 °C. Recommended storage temperature: -20 °C. Slot Ø 6 mm. Temperature constancy 4-7 °C (3 h). Length 141 mm. Width 99 mm. Height 44 mm.</p>
<p>Single channel pipettes: Fully autoclavable. (121°C for 20 minutes), Enhanced UV resistance, Hyper blower system, Longer second-push stroke, improves Dispensing efficiency. (2ul, 10ul). 01: Volume Range = 0.5 to 10µl Accuracy % = ±4.0 to 0.5 Coeff. Variation % = ±2.8 to 0.4 02: Volume Range = 10 to 100µl Accuracy % = ±1.6 to 0.8 Coeff. Variation % = ±0.8 to 0.2 03: Volume Range = 20 to 200µl Accuracy % = ±1.2 to 0.6 Coeff. Variation % = ±0.6 to 0.2 04: Volume Range = 100 to 1000µl Accuracy % = ±1.6 to 0.6 Coeff. Variation % = ±0.4 to 0.15 05: Volume Range = 1 to 5ml Accuracy % = ±0.6 to 0.5 Coeff. Variation % = ±0.25 to 0.15</p>
<p>Mini Centrifuge Machine: Frequency: 50/60 Hz Voltage 110 to 240V Capacity: 6x2mL Max. Speed: 6,000 rpm /RCF 2,000 x g Noise Level: ≤45dB Temperature Range: Ambient temperature Dimensions (HWD): 4.1 x 5.0 x 6.0 in. (10.4 x 12.8 x 15.3 cm). Net Weight: 1.6 lb. (0.74 kg)</p> <p>Certifications/Compliance: CSA, CE, UL Includes: 6 x 1 .5/2.0mL tube rotor, 16 x 0.2mL tube rotor, (singles strip), 6 tube adapters 0.2mL, 6 tube adapters 0.5mL, Storage case for rotors and adapters, Tube rack, universal power adapter, 110-240V, 50/60 Hz, with 4 interchangeable plug type, Electrical Requirements: 110-240 V, 50/60 Hz with 4 interchangeable plug adapters</p>

<p>Handheld Homogenizer:</p> <p>Specifications: For General homogenization applications (dispersion and emulsification). Homogenizing of tumour tissue sample, for research of diverse tissue diseases. Fast dissolving of pills, sugar-coated tablets for quality control purposes. Sample preparation for subsequent extraction of pharmaceutical agents. Cell disruption, RNA / DNA isolation from tissue. Dispersion of small quantities from plants, animals or human tissue. Solving of solid materials. Autoclavable 316 L stainless steel shafts.</p> <p>Speed Range: 8000-30000rpm</p> <p>Speed Control Dial knob: 6 stages</p> <p>Max. Viscosity: 5,000mPas</p> <p>Working head @Smm/L9Qmm(0.1-50mL) A10mm/ L150mm (1-250mL).</p>
<p>Elisa Reader</p> <p>Detector Type: Photo detector, Light Source: Quartz-halogen lamp, Reading Options: 96 Well Plate; 384 Well Plate, Read-out Range: 0 to 6Abs, Software Type: SkanIt Software, Plate Type: 96-well plates, Wavelength Selection: Filters, Wavelength Range: 340 to 850nm</p> <p>Filters: 8-position filter wheel; filters installed: 405nm, 450nm, and 620nm, Linearity: 0-3 Abs, x2o/o at 405nm, 96-well plate, Resolution: 0.001 Abs, Accuracy: ± 1%(0-3 Abs) or t 0.003 Abs, whichever is greater at 405nm, Precision: CV s 0.2o/o (0.3-3 Abs) at 405nm</p> <p>Incubator Temperature: Up to 50°C Shaking Linear</p> <p>Depth (Metric): 40cm, Depth (English): 15.7 in.</p> <p>Measurement Speed: 7 seconds, 96-well plate, fast mode; 13 seconds, 96-well plate, normal mode</p> <p>Interface: User: On-board or PC control</p>
<p>Binocular Stereo Microscope</p> <p>Stereomicroscope binocular heads 360° rotating and 45° inclined, eye piece (10x), interpupillary distance 55-75 mm, diopter adjustment, Eyepiece WF10x/20 mm, Objective: Turret objective (2x and 4x), Magnification: 20x and 40x, working distance: 57 mm, Base Illumination operated on 220 Volts, with incident and transmitted LED light, With LED light intensity adjustment. Complete with all standard accessories.</p>
<p>Trans-Blot SD Semi-Dry Electrophoretic Transfer Cell</p> <p>Specifications: Trans-Blot SD body Molded polycarbonate, anode plate electrodes: Platinum-coated titanium and stainless-steel cathode plate electrodes, Anode platform Precision machined acrylic. Dimensions (W x L x H), cm. 37 x 24 x 11. Weight, kg/lb. 3.6/7.9.</p> <p>Gel size (W x L), cm. 24 x 16. Buffer requirement, ml. 200. Gel capacity: 4 Mini-PROTEAN® precast or handcast gels, 3 Criterion™ gels, 1–3 PROTEAN® II gel sandwiches.</p> <p>Includes: Power supply. PowerPac™ HC (High Current) 165-4761 Model 200/2.0 Constant Voltage Power Supply, 100/120 V, 50/60 Hz</p>
<p>Hettich Angle rotor 30-place for Benchtop centrifuge</p> <p>Specifications: Angle rotor 30-place to fit in Benchtop centrifuge ROTINA 380 R, Angle rotor for 30 x 0.4 - 2.0 ml tubes, Angle: 45°, RPM max.: 15,000 min⁻¹, RCF max.: 24,400</p> <p>Includes: UPS Homage 2000 watt</p>

Technical Specification offered by the firm required
letter head of the firm duly signed & stamped by
Vender Of Tender C

Autoclave and Accessories for tendering

Digital microprocessor controlled with operation modes: Solid mode: Heating-Sterilizing-Exhausting and air cooling. Cooling fan. Capacity: 85Liters or more. Chamber material: SUS304. Rated power supply: 220V/50Hz. Sterilization temperature: 105—138°C. Range of sterilization time: 1—300minutes. Exhausting mode: Fully automatic internal discharging. Embedded with a steam trapping bottle Way of opening lid: Flip type. Preset range of timer: 0 minute-6 days delayed. Preset range of timer: 0-0.6MPa. Rated working pressure: 0.27 MPa. Preset temperature of presettable chamber lid opening: Preset range of steam 73—104°C. exhausting temperature: Preset range of cooling 40-99°C for solid and agar modes and 40-80°C for liquid and waste lock OPEN temperature: modes **Accessories:** drainage hose, water plate, exhaust bottle, Two stainless steel baskets Controller: fast-speed microcomputer intelligent control system Safety device: “eight-column evenly distributed” inter locking device, electric double inner locks, over pressure protection, safety valve, over temperature protection, over current and short circuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting. **Water distillation** with 4L/hr Capacity or more, Water pH: 5.0 – 6.5, Conductivity $\mu\text{S/cm}$: <2.5, Resistively mega ohm-cm: 0.4, Two silica Heater unit with Wattage 1.5kw each, 13 amps. Fuse, 220/240 VAC, 50/60 Hz., Minimum supply pressure: 5 Psi. **Laptop:** Processor: Core i7 11th generation, Storage: 512GB SSD, Ram: 16GB DDR4 Display: 15.6” FHD 400nits, Integrated HD 720p webcam with dual-microphone array, Wireless: WIFI & Bluetooth, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 1.4b; 1 headphone/microphone combo; 1 AC power; 1 RJ-45 including accessories & bag ENERGY STAR Qualified Configuration, Dual stereo speakers, dual array microphone, Metallic surface and finish, warranty 1 year. **Pipettes set:** 0.1-2ul, 0.5-10ul, 10-100ul, 100-1000ul, 500-5000ul.

Technical Specification offered by the firm required
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Vender Of Tender D

Acetone
Aspirin
Anthrone
Aniline
Aceto phenone
Acetyl Chloride
Benzyl
Benzyl Chloride
Citric Acid
Chloroform A.R Grade
Dichloromethane A.R
Di-ethylamine
Di-methylallene
Ether
Iodine
Isoamyl Alcohol
Orcinol
Pot. Iodide
Paraffin Oil
Pyridine
Sod. Sulfite
Vanillin
Hydrochloric Acid
Sulphuric Acid
Acetic Acid
Nitric Acid
Salicyladehyde
Cinnamaldehyde
Benzaldehyde
Benzophenone
Formaline
Benzoin
Cyclo hexanone
Atropine Sulphate
Acetyl Salicylic Acid
Ammonium Chloride
Bees Wax (Yellow)
Borax Powder (Sodium Tatraborate)
Calcium Carbonate
Cetyl Alcohol
Dextrose
Gum Tragacanth
Heavy kaolin
Iron Sulphate
Magnesium Carbonate
Magnesium Tri silicate
Naphthalene
Potassium Iodide

Potassium Nitrate
Starch
Salicylic Acid
Tartaric Acid
Tannic Acid
Lemon Oil
Peppermint oil
Olive Pomace Oil
N-Butanol
Eucalyptus Oil
Wool Alcohol
Turpentine Oil
Glycerin (A.R)
Petroleum Jelly
Sugar
Tween-80
Tween-60
Tween-40
Span-80
Span-60
Span-40
Stearic Acid
Triple Pressed
Cetyl Alcohol
Amaranth Color (Red)
Methyl Cellulose
Oxalic Acid
Opadry Blue
Opadry Red
Ferric Nitrate
Poly vinly Alcohol
Sorbital (80)
Zinc Oxide
Loctose
Talc Powder
Calcium lactate
Ammonia Solution
Carbon Tetrachloride
Castor oil
Raspberry oil
Small Plastic Jarr (100ml)
Syrup Plastic Bottles (60ml)
Aluminum Foil (Diamond)
Cotton Roll (Large)
Stapler
Glass Syrup Bottle With Cap(120ml)
Capsule Shell (250mg)
Capsule Shell (500mg)
Plastic Jar (5Ltr)
Diethyl Ether
Petroleum Ether
Petroleum Spirit
Hydrogen Peroxide
Glacial Acetic
Solvent Ether

Bromine Water
Formaldehyde Solution
Cod liver Oil
Cinnamon Oil
Picric Acid
Sodium Carbonate
Benzidine HY
Sodium Bicarbonate
Mercuric Chloride
Sodium Hydroxide
Choral Hydrate
Gelatin
Agar Powder
Urine Testing Strips (Uri Test)
Glucometer Strips
Glucometer
Creatinine Kit
Urea Kit
Total Cholesterol Detection Kit
ESR Tubes
ESR Solution
Test Tubes (Small 10cc)
Syringes (3cc, 5cc, 10cc)
pH Paper
Micro Pipette Tips (10l,100UI, 1000UI) White, Yellow, Blue
Digital Weight Balance (Electrical Balance) upto 0.000g
ESR Stand
Pricking Needles
GPT (ALAT)FCC Mod Kit
Litmus Paper
Sodium Citrate
Methylene Blue
Crystal violet
Malachite Green
Safranin
Blood Agar
Hydrochloric Acid
Carbol Fuchsin
Copper Sulphate
Lesion
Ammonium Sulphate
Nutrient Agar
Nutrient Broth
Decolorize Solution
Yeast
Nigrosine ink
Hydrogen Peroxide
Blood Agar Plates
Bile esculin Agar
Sulfur Iodide Motility media
Manitol Salt Agar
Cytochrome Oxidase enzyne
Coagulase enzyme (Test Tube)

Mac Conkey Agar
Simmon's citrate Agar
amylase enzyme
Oligo-1-6 glucosidase
Potassium Ferricyanide
Urease enzyme
Reasazurin Dye
Panadol Tablets
Calpol Tablets
Dichloromethane (DCM) C.G
Methanol (Commercial Grade)
Ethanol (Commercial Grade)
Chloroform (Commercial Grade)
Slica Jel for TLC-(.063-.200mm)

Microscope
TLC Glass Jars
TLC Plates
Digital Water Bath
Microscope (Semi-automatic)
Digital Common Fitted microscope
Digital Thermometer
Dustbin Large
Dustbin Extra Large
Disposable Bags For Dustbin
Stapler
Stapler Pin
Fire Lighter
Tissue Roll
Duster cloth(1.5*2.5’)
Soap For Hand wash
Dish Wash Liquid
Scotch Bright
Inoculating Loop
ELISA Plates
Small Measuring Scale (Electric)
Lemon Max Soap
Weight Scale Cell pencil
Transparent paper Glue
Liquid Large

Beaker 100ml
Beaker 250ml
Beaker 500ml
Beaker 1000ml
Beaker 2000ml
Beaker 5000ml
Falcon Tube 50ml
Falcon Tube 15ml
Measuring Cylinder 10ml
Measuring Cylinder 25ml
Measuring Cylinder 50ml
Measuring Cylinder 100ml
Eppendrof Tube 1.5ml

Glass Slides
Glass Covers (For Slides)
Glass Funnel 4"
Test Tube 20ml
Pestle & Mortar 5"
Still head Adopter (19/26)
Round Bottom Flask 500ml (19/26)
Round Bottom Flask 250ml(19/26)
Condenser (19/26)
Recieving Adopter (19/26)
Magnetic Stirrer Bar 0.5"
Magnetic Stirrer Bar 1"
Magnetic Stirrer Bar 1.5"
Capillary Tube
Filter Paper ()
Quartz UV. Cell
Adjustable Micro-pipette Rang-1(20 to200) Rang-2(200 to 1000)